

## Supplemental Workshops in Science and Mathematics

### Spring 2016 Highlights

- 86 workshops served approximately 950 students
- 840 students passed both lecture and workshop with a letter grade of A, B, C, or credit (CR)
- 99 students did not pass the lecture and workshop
  - Received a letter grade of D, F or no credit (NC).
- 42 students were enrolled in workshops *only: not enrolled in the accompanied lecture.*
  - 4 students did not pass their lecture

### Assessment Outcomes

- 90.9% of students felt supplemental workshops provided an environment that presented alternative methods to approaching problems and finding solutions.
- 80.8% of students felt capable of discussing course concepts to individuals outside of the workshop.
- 69.1% of student motivation increased in lecture as a result of enrollment in supplemental workshops.
- 90.2% of students reported increased confidence with course material as a result of supplemental workshops
- 90.2% of students found supplemental workshops materials beneficial to their learning style.
- 95.7% of students would recommend supplemental workshops to a friend.
- 92.9% of students would take another supplemental workshop.
- 78.7% of students found supplemental workshops provided a positive connection for campus engagement.
- 94.8% of students identified that supplemental workshops had helped them understand course material
- 85.9% of students felt Cal Poly is committed to their academic success.
- 90.4% of students found supplemental workshops provided an environment that promoted participation and active group dynamics.
- 92.2% of students felt supplemental workshops provided a collaborative and engaging learning environment

*Data suggests students continue to see value in peer to peer facilitation in addition to the need for program expansion in both science and math lectures.*

**Program Breakdown**

SWS

- 2072 students enrolled in 29 supported lectures from four departments: Biology, Chemistry, Physics, and Statistics.
- 1568 students only attended the lecture.
  - 1406 students passed their lectures
  - 162 did not pass their lectures.
- 504 students enrolled in 60 workshops led by 30 facilitators.
  - 468 students passed their lecture
  - 36 did not pass their lecture

SWM

- 1575 students enrolled in 48 lectures: Pre-Calculus, Calculus and Linear Analysis
- 1280 students only attended the lecture.
  - 1055 students passed their lectures
  - 225 did not pass their lectures.
- 295 students enrolled in 26 workshops led by 26 facilitators.
  - 252 students passed their lecture
  - 43 did not pass their lecture

